












Date: Tuesday, 23/09/2008 1:00:05 PM
 User: Julie Lecocq

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : WEARPLATE
Job Number : 42250	
Estimate Number : 12462	
P.O. Number :	Part Number : D35083
This Issue : 23/09/2008 S.O. No. :	Drawing Number : D3508 REV C
Prsht Rev. : NC	Project Number : N/A
First Issue : // Type : SMALL /MED FAB	Drawing Revision : C
Previous Run : 38527	Material :
Written By :	Due Date : 05/10/2008 Qty: 12 Um: Each
Checked & Approved By : <u>JLO 08.9.23</u>	
Comment : Est Rev:A New Issue 06-06-20 JLM Est Rev:B Now SS as per Rev B 06-12-15 JLM Est Rev:C Rev C dwg 07-12-06 DD	
Additional Product	
Job Number: 	
Seq. #:	Machine Or Operation:
Description :	
1.0	M304S20GA 304/316 .040 Sheet
 	
Comment: Qty.: 0.7707 sf(s)/Unit Total : 9.2484 sf(s) 304 SS .038" THK (20GA) (M304S20GA) Batch: <u>109088</u> <u>B 8-11-4</u>	
2.0	WATER JET FLOW WATER JET
 	
Comment: FLOW WATER JET 1-Cut as per Dwg D3508 Dwg Rev: <u>C</u> <u>B 8-11-4</u> Prog Rev: <u>C</u> 2-Deburr if necessary <u>B 8-11-4</u>	
3.0	QC2 INSPECT PARTS AS THEY COME OFF MACHINE
 	
Comment: INSPECT PARTS AS THEY COME OFF MACHINE	
4.0	QC8 SECOND CHECK
 	
Comment: SECOND CHECK <u>S 08/11/04</u> <u>(x12)</u>	
5.0	BRAKE NC NC BRAKE
 	
Comment: NC BRAKE 1-Form on brake using DT8326 and DT8261 as per Dwg D3508	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 23/09/2008 1:00:05 PM
User: Julie Lecocq

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPLATE

Job Number: 42250

Part Number: D35083

Job Number:



Seq. #:

Machine Or Operation:

Description:

2-Form joggle as per Dwg D3508 Using DT8158

6.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

7.0

POWDER COATING

POWDER COATING



M 106 442



(12x)

Comment: POWDER COATING

Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3

START TIME:

OVEN TEMPERATURE:

FINISH TIME:

3 = 36
320 °C
4 = 00

M-L 08/11/05

8.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



(12)

Comment: INSPECT POWDER COAT

FL 08/11/06

9.0

PACKAGING 1

PACKAGING RESOURCE #1



(12)

Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

FP-21

FL 08/11/06

by

10.0

QC21

FINAL INSPECTION/W/O RELEASE



08/11/07

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



MF 08-11-06

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD		Work Order: 42250
Description: Wearplate		Part Number: D3508-3
Inspection Dwg: D3508	Rev: C	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
2.063	+/-0.010	2.063	X			
2.813	+/-0.010	2.814	X			
0.375	+/-0.010	0.376	X			
5.625	+/-0.010	5.624	X			
33.750	+/-0.010	33.750	X			
37.13	+/-0.030	37.13	X			
Ø0.188	+0.005/-0.001	0.193	X			
0.300	+/-0.010	0.303	X			
0.300	+/-0.010	0.303	X			
0.038	+/-0.010	0.036	X			

Measured by: UB	Audited by: S	Prototype Approval:	N/A
Date: 8-11-4	Date: 08/11/09	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	08.04.15	New Issue	KJ/DD	

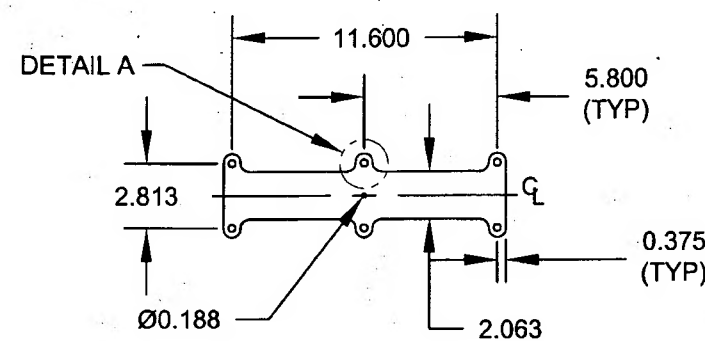
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

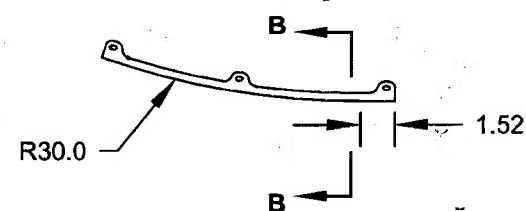
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

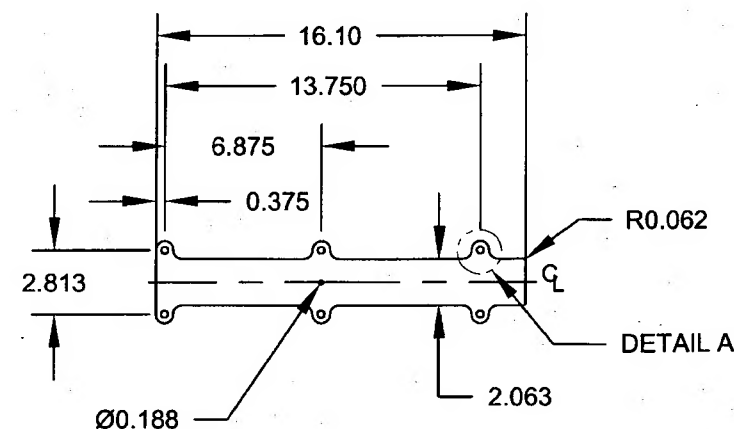
NOTE: Date & initial all entries



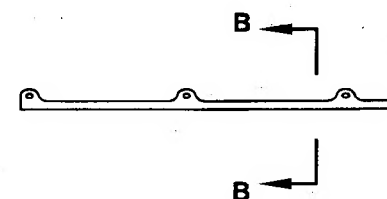
D3508-1 FLAT PATTERN



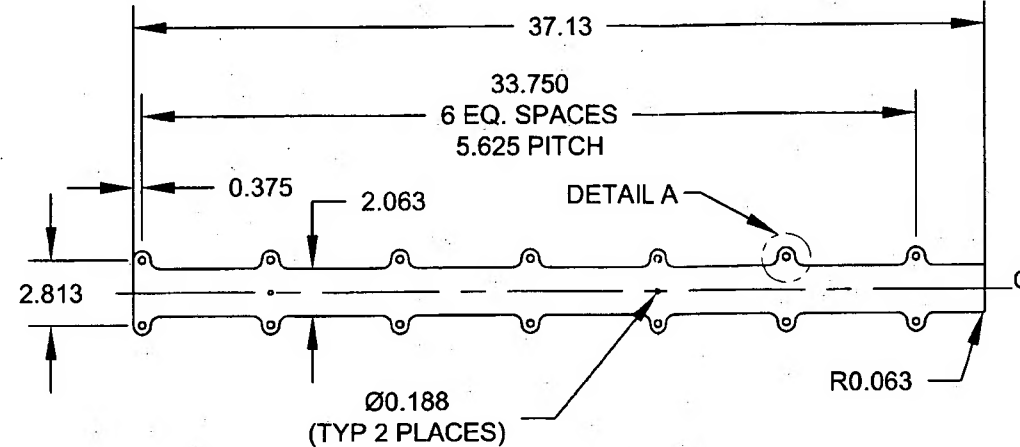
D3508-1 BENDING DETAIL
(MAKE FROM D3508-1F)



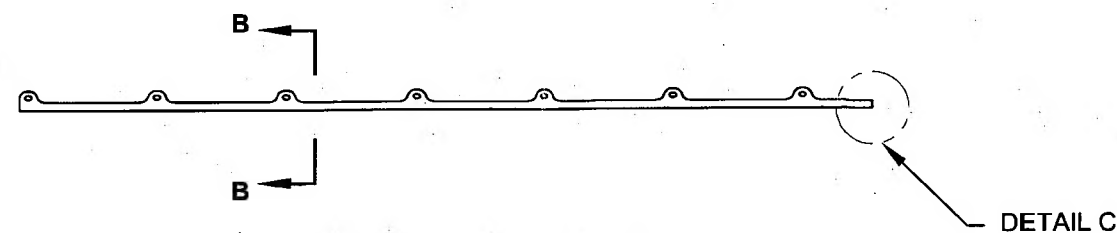
D3508-7F FLAT PATTERN



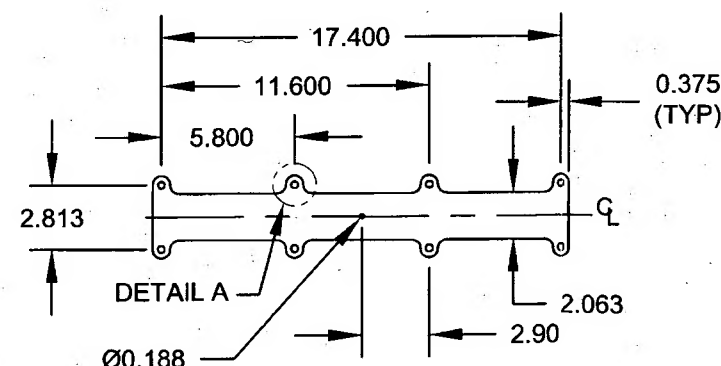
D3508-7F BENDING DETAIL
(MAKE FROM D3508-7F)



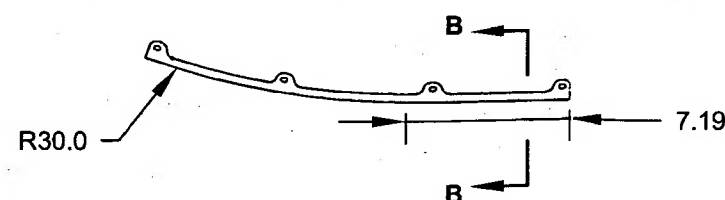
D3508-3 FLAT PATTERN



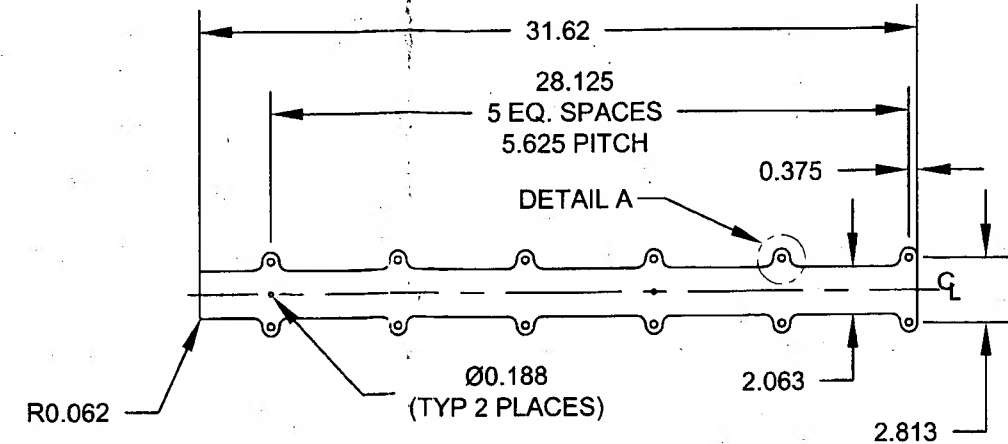
D3508-3 BENDING DETAIL
(MAKE FROM D3508-3F)



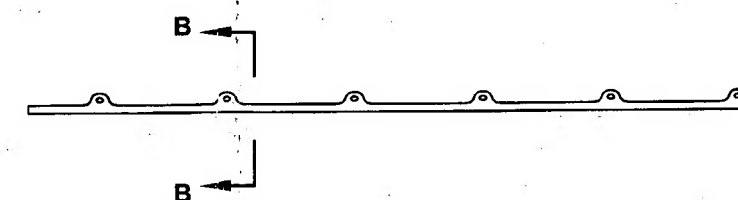
D3508-9F FLAT PATTERN



D3508-9F BENDING DETAIL
(MAKE FROM D3508-9F)



D3508-5 FLAT PATTERN



D3508-5 BENDING DETAIL
(MAKE FROM D3508-5F)

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 20 GAUGE (0.038 THICK)
(REF. DART MATERIAL SPEC M304S20GA)
- 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER DART QSI 005 4.3
- 3) WELD PER DART QSI 004
- 4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005 TO 0.015
- 7) IDENTIFICATION: NONE
- 8) WEIGHT: D3508-1 - 0.47 lbs, D3508-3 - 0.95 lbs, D3508-5 - 0.77 lbs,
D3508-7 - 0.39 lbs, D3508-9 - 0.45 lbs, D3508-11 - 0.64 lbs
D3508-13 - 0.25 lbs

SHOP COPY
RETURN TO
DART AEROSPACE USA, INC.
PORT HADLOCK, OH 44124
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 42253

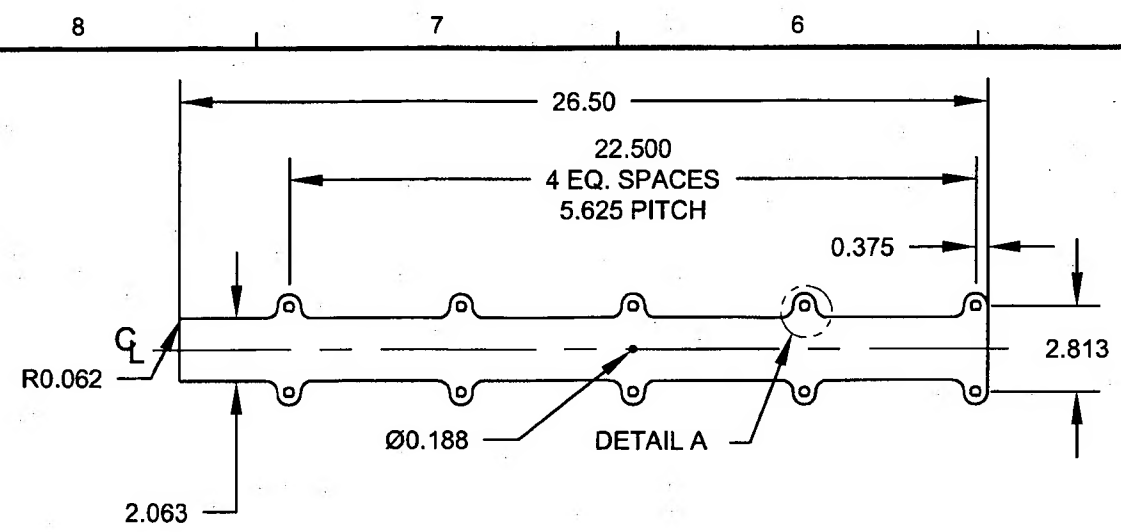
C	ADD -9/11/13 MOVE TAB OUTBOARD (2.813 WAS 2.733) CHANGE DRAWING FORMAT	PH	07.04.20
B	CHANGE STAINLESS STEEL, WIDEN	PH	06.10.27
A	NEW ISSUE	PH	06.04.21
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	07.04.20		

DART AEROSPACE USA, INC
PORT HADLOCK, WA

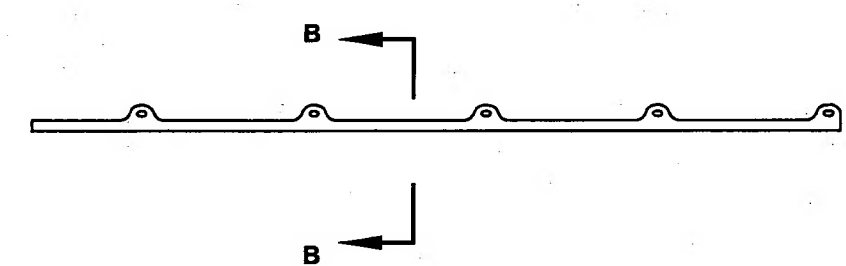
DRAWING NO. REV. C
D3508 SHEET 1 OF 2

TITLE SCALE
WEARPLATE 1:8

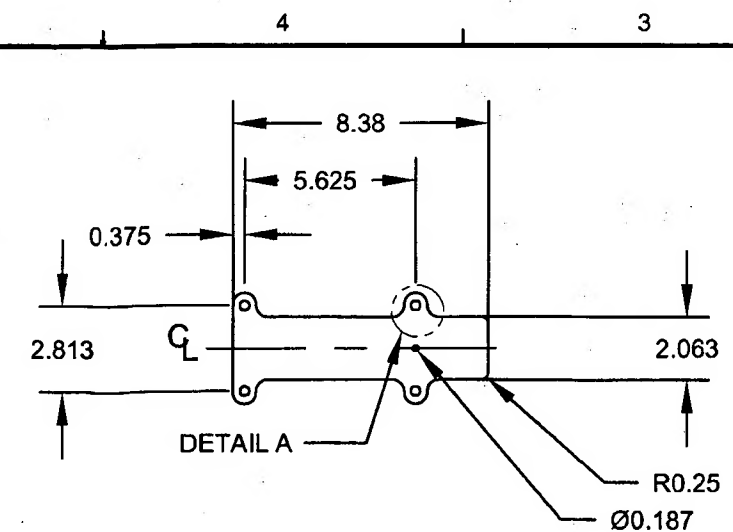
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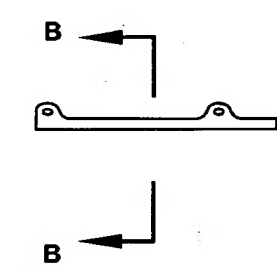
D3508-11F FLAT PATTERN



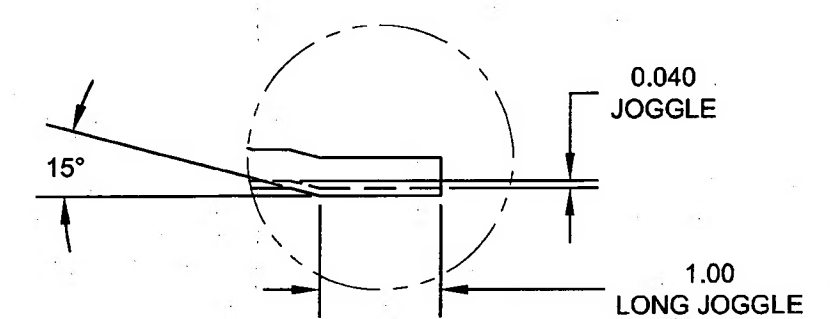
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(MAKE FROM D3508-11F)



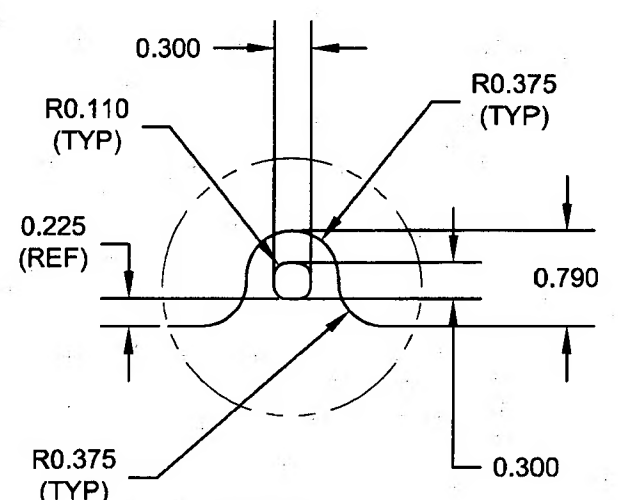
D3508-13F FLAT PATTERN



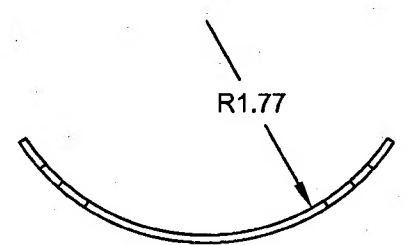
D3508-13 BENDING DETAIL
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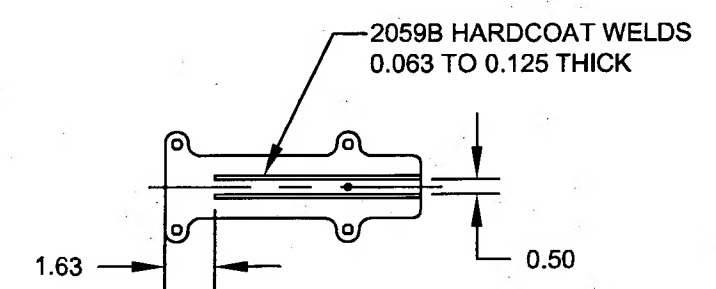
DETAIL C
(SCALE 1:2)



DETAIL A
(SCALE 2:3)



SECTION B-B
(SCALE 2:3)



D3508-13 WELDING DETAIL

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 42250

RELEASED
07-11-16

DESIGN	PH	DART AEROSPACE USA, INC	
DRAWN	PH	PORT HADLOCK, WA	
CHECKED	B	DRAWING NO.	REV. C
MFG. APPR.	E	D3508	SHEET 2 OF 2
APPROVED	PH	TITLE	SCALE
DE APPR.	PH	WEARPLATE	1:6
DATE	07.04.20	<small>COPYRIGHT © 2007 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	

